

Converting Colors

Hex(60B74C)

Have a look what the booklet for
Hex(60B74C) contains.

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Color

Hex(60B74C)

Conversions

Conversions Part 1

Format	Color
Hex	60B74C
RGB	96, 183, 76
RGB Percent	38%, 72%, 30%
CMY	0.6235, 0.2824, 0.7020
CMYK	0.48, 0.00, 0.58, 0.28
HSL	109°, 43%, 51%
HSV	109°, 58%, 72%
XYZ	23.0619, 36.8756, 12.7397
YIQ	144.7890, -17.5050, -51.7210

Conversions

Conversions Part 2

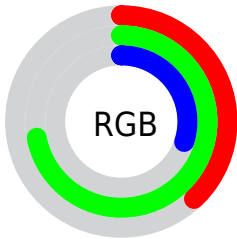
Format	Color
RYB	76, 183, 163
Decimal	6338380
CIELab	67.18, -46.69, 45.60
CIELCh	67, 65.265, 135.679
Yxy	36.8756, 0.3173, 0.5074
Android (android.graphics.Color)	4284528460 (0xFF60B74C)
YUV	144.7890, -33.9130, -42.7880
Hunter-Lab	60.7253, -38.4796, 30.0691

Details

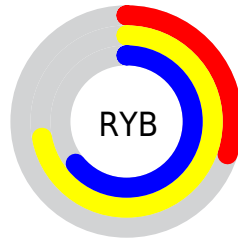
The Hex color **60B74C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **A34CB7**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **98F080**, and **248117** is the 20% darker color. If you saturate the color by 10%, you get **51B73A**, and if you desaturate by 10%, it is **6FB75E**.

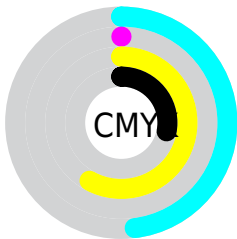
Distribution



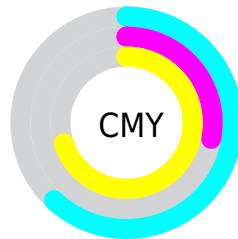
- Red (38%)
- Green (72%)
- Blue (30%)



- Red (30%)
- Yellow (72%)
- Blue (64%)



- Cyan (48%)
- Magenta (0%)
- Yellow (58%)
- Black (28%)



- Cyan (62%)
- Magenta (28%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60B74C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 60B74C by changing the saturation by 10% instead.

 60B74C

 60B74C

FFFFFF

 439C32

 98F080

 248117

 B5FF9B

 006700

 D2FFB7

 004E00

 EFFFFD3

 003600

 FFFFF0

 002100

 000000

 60B74C

 60B74C

 51B73A

 6FB75E

 42B727

 7EB771

 33B715

 8DB783

 24B703

 9CB795

 22B700

 AAB7A8

 B9B7BA

 C8B7CC

 D7B7DE

 E6B7F1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A5AA23



60B74C



00BE84

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60B74C



00B2FF



FF6D87

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60B74C



A34CB7

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF70C2



60B74C



6C9FFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60B74C



00BCF7



CE86F6



FF7F51

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60B74C



00C0AD



CE86F6



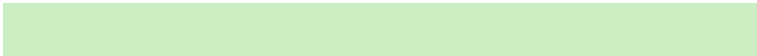
FF6B9B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60B74C



CAEDC2



B7A24C



62785D



F7F7F7



787878

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60B74C



66ED47



4CB76C



545C53



1D9C00



051C00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A34CB7



CE47ED



B74C97



5A535C



7E009C



17001C

Previews

White Background



This preview shows how the Hex color 60B74C looks on a white background.

Color Contrast Check

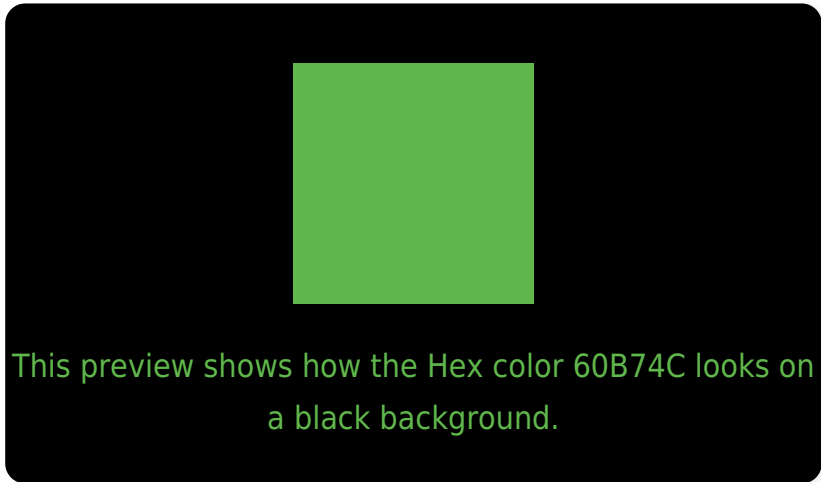
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

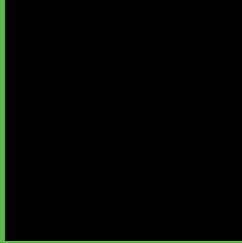
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 60B74C Background



This preview shows how black text looks on a background with the Hex color 60B74C.

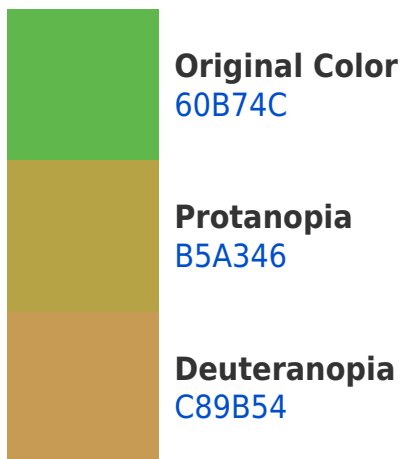


This preview shows how white text looks on a background with the Hex color 60B74C.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
60B74C



Protanomaly
96AA48



Deuteranomaly
A2A551



Tritanomaly
6DB092

Monochromacy



Original Color
60B74C



Achromatopsia
919191



Achromatomaly
7F9F78

CSS Examples

Text

The CSS property to change the color of the text to Hex 60B74C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #60B74C looks like.

```
.text, #text, p{  
    color:#60B74C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #60B74C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60B74C
}
```

Border

The CSS property to change the border of an element to Hex 60B74C is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60B74C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#60B74C }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #60B74C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60B74C; -webkit-box-shadow:4px 4px  
4px 4px #60B74C; box-shadow:4px 4px 4px  
4px #60B74C }
```

Background

The CSS property to change the background color of an element to Hex 60B74C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60B74C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#60B74C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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